



D2iQ Kubernetes Platform: The Leading Independent Platform for Kubernetes in Production

Overview

As the leading independent platform for Kubernetes in production, the D2iQ Kubernetes Platform (DKP) enables you to embrace the power of open source Kubernetes, cloud native workloads, and the entire cloud native ecosystem to achieve digital agility. DKP provides a holistic approach and complete set of technologies, expert professional services, training, and support offerings. The benefits of this comprehensive approach include faster time to benefit, reduced total cost of ownership, improved operational efficiency and less stress on your ops teams.

The D2iQ Advantage

As cloud native pioneers with over a decade of large-scale distributed computing expertise, D2iQ is uniquely positioned to help you leverage the best of what open source Kubernetes has to offer while adding must-have, enterprise-grade capabilities your organization needs.

Kubernetes adoption requires more than just technology to deliver on true business outcomes. For that reason, the DKP platform includes the expert professional services, training, and support options to ensure you have end-to-end support for both Kubernetes and the full stack of associated cloud native services your organization will depend upon.

With the D2iQ Kubernetes Platform, your team can be successful with Kubernetes in production on Day 2.

Enterprise-Grade Technology

The D2iQ Kubernetes Platform (DKP) is built to ensure your move to Kubernetes is done with ease and agility, regardless of your organization's level of Kubernetes experience. With a foundation in best of breed open source, DKP was designed to provide a fully interoperable and Cloud Native Computing Foundation (CNCF) conformant Kubernetes experience, which helps make sure you always leverage the best of what the industry has to offer with Kubernetes. The technology footprint of DKP is composed of the following:

D2iQ Konvoy: The foundation of the D2iQ Kubernetes Platform is a comprehensive, enterprise grade Kubernetes distribution built on pure open source with the add-ons needed for Day 2 production. Selected, integrated, and tested at scale, for greater stability, reliability, and faster time to benefit.

D2iQ Kommander: The centralized control plane of the D2iQ Kubernetes Platform, Kommander delivers governance and federated management of disparate Kubernetes clusters from a single centralized console, ensuring lifecycle management, unified policy, and better operational insights for Kubernetes in the enterprise.

Key Benefits

Unmatched Expertise.

Cloud Native pioneers with more than a decade of experience in large-scale distributed computing, we have the expertise to guide your Kubernetes journey.

All You Need for Day 2 Success.

We're a full-service, CNCF-certified Kubernetes training and service provider, which means we can uniquely assist you on your Kubernetes journey and ensure a successful outcome for your initiative.

Accelerates Time-to-Market.

Our technology, based on pure upstream open-source, combined with our unrivaled expertise equals an ability to accelerate time-to-market for your business.

Comprehensive Support.

End-to-end support for all services from a single, certified vendor. One call, one answer.

D2iQ KUDO: Kubernetes Operators encode the operational runbooks for managing complex and stateful applications. KUDO, the Kubernetes Universal Declarative Operator, is an open source CNCF project. It provides a framework for developing Kubernetes operators using a declarative approach, addressing the full lifecycle of a service. D2iQ maintains a core set of high value KUDO operators designed for building data rich applications using technologies like Spark, Kafka, and Cassandra. Additionally, KUDO for Kubeflow is targeted at simplifying the adoption of machine learning workloads on Kubernetes.

D2iQ Conductor: The D2iQ Kubernetes Platform would be incomplete without the ability to scale out Kubernetes and Cloud Native training across the Enterprise. Conductor provides curated, real world, on demand, enterprise Kubernetes and cloud native training with tutorials and hands-on labs to meet your large scale training needs, with content ranging from beginner to advanced. Give your team the skills foundation they need to harness the power of Kubernetes and the cloud native community.

Professional Services

As you grapple with challenges along your cloud native journey, our professional services team provides expert guidance and support from Day 1 design to Day 2 operations—and everything in between. D2iQ has the deep expertise, experience, and industry-leading practices to efficiently advise, activate, and drive adoption of Kubernetes.

- **Advise:** Our advisory services answer your most pressing questions and guide your wide-ranging cloud native endeavors to achieve enterprise-grade outcomes.
- **Activate:** Our tailored activation models ensure that Kubernetes is customized to meet your cloud native application needs for scalability, efficiency, and speed.
- **Adopt:** These services drive organizational proficiency and ensure the successful adoption of new business-critical solutions.

Educational Services

Our certified educational resources equip you with the knowledge you need to design, deploy, and operate Kubernetes services across your stack. Whether you're beginning your journey, looking for Kubernetes certifications, or even performing advanced Day 2 operations with Kubernetes, we have a wide array of educational options to support your needs. Most importantly D2iQ has been qualified as a Certified Kubernetes Training Provider by CNCF. The rigid requirements to achieve this certification ensures that the experts training your team carry the highest degree of capabilities in the industry.

Distributed Computing Is In Our DNA

The founders of D2iQ are some of the earliest creative minds in the world of distributed computing. They've been a core part of the success in some of the largest and best-known application services on the planet.

This experience and insight into the complexities of the cloud native landscape are foundational to the development of the D2iQ Kubernetes Platform, solutions, and services. As the leading independent Kubernetes platform, D2iQ is solely focused on helping your organization to swiftly move toward a successful Day 2 outcome with Kubernetes.

Workload Testing

Impeccable orchestration of Kubernetes is inextricably linked to the interoperability testing of your cloud native stack. Our team delivers a unique mixed workload testing methodology and process to ensure your stack of technologies is initially and continuously tested throughout the life of the project. This ensures interoperability of key services and reduces operational risk. Most importantly, this ensures that the full stack of services within our Kubernetes technologies are supported, since we understand the boundaries they'll face in a production-scale environment.

Support Services

Due to the advanced nature of the applications you're deploying, you'll likely need advanced know-how and expertise to support the design and deployment of your services. We provide a range of Kubernetes 24/7 support offerings to help you quickly resolve issues and rest easy knowing that an expert support team has your back when things go wrong. Our team supports not only core Kubernetes, but also the key add-ons you need for production, including those for networking, observability and other key capabilities. No need to chase around multiple providers for urgently needed answers—our support team is the only place you need to go for help.

Driving Day 2 Success With D2iQ

The Leading Independent Kubernetes Platform

As you look to leverage Kubernetes as a foundational platform to drive cloud native applications and services, navigating the complexities of the technology will be next to impossible without deep domain expertise and expert support. With this in mind, we designed the D2iQ Kubernetes Platform to provide you with an enterprise-grade Kubernetes foundation, as well as give you access to expert insights, training, services, and support.

Whether you're in need of a guided, opinionated distribution that reduces time to market from months to days, management or operation of your production deployment, or someone to pick up the phone in the middle of the night, D2iQ can deliver a complete spectrum of technology solutions and services to enable an enterprise Kubernetes experience that is ready to meet Day 2 operational expectations.



To learn more about about how D2iQ can be your partner in the cloud native journey, go to www.D2iQ.com.